

AMENDMENT AND RESPONSE TO OFFICE ACTION

This document is submitted in response to the Office Action mailed May 10, 2004.

Please amend the present application as follows. No new matter has been introduced.

In the Claims

1. (Currently Amended) A free-space optical communication system comprising:
a transmitter configured to encode and transmit information over free-space, the information being encoded in a first at least two discrete optical carrier signals, and the inverse of the information being encoded in a second optical carrier signal; and
a receiver configured to receive and decode the information from ~~said discrete~~ the first optical carrier signals and the inverse of the information from the second optical carrier signal.
2. (Currently Amended) The system of claim 1 wherein said transmitter is configured to encode digital information into ~~at least two discrete~~ the first optical carrier signals and encode the inverse of the digital information in the second optical carrier signal.
3. (Currently Amended) The system of claim 2 wherein ~~said discrete optical carrier signals include a first carrier signal and a second carrier signal;~~
~~said the first optical carrier signal includes~~ including information corresponding to logical 1's;
and
~~said the second optical carrier signal includes~~ including information corresponding to logical 0's.
4. (Currently Amended) The system of claim 2 wherein ~~said discrete optical carrier signals include a first carrier signal and a second carrier signal;~~